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## Product Datasheet

### SHANK3 Antibody (orb150820)

**Description**

Mouse Anti-Rat SHANK1/SHANK3 Monoclonal IgG2a

**Species/Host**

Mouse

**Reactivity**

Human, Mouse, Rat

**Conjugation**

Unconjugated

**Tested Applications**

ICC, IHC, WB

**Immunogen**

Fusion protein amino acids 538-626 (SH3 domain) of rat SHANK3. Mouse: 100% identity (89/89 amino acids identical). Human: 97% identity (87/89 amino acids identical). ~70% identity with SHANK1 and SHANK2.

**Target**

SHANK3

**Preservatives**

PBS pH 7.4, 50% glycerol, 0.1% sodium azide  
\*Storage buffer may change when conjugated

**Concentration**

1 mg/ml

**Storage**

-20°C

**Note**

For research use only

**Application notes**

1 µg/ml of SMC-460 was sufficient for detection of SHANK1/SHANK3 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

**Isotype**

IgG2a

**Clonality**

Monoclonal

**MW**

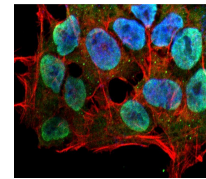
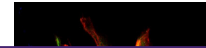
190kDa

**Uniprot ID**
[Q9JLU4](#)
**NCBI**
[NP\\_067708.1](#)
**Entrez**
[59312](#)
**Dilution Range**

WB (1:1000), ICC/IF (1:100)

**Expiration Date**

12 months from date of receipt.



Immunofluorescence analysis of neuroblas...

